

**Monthly Progress Report #8
February 2005**

**Falcon Refinery Superfund Site
Ingleside
San Patricio County, Texas
TXD 086 278 058**

Prepared for

**National Oil and Recovery Corporation
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March 10, 2005

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None this reporting period

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None this reporting period

1.0 INTRODUCTION

This eighth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report covering March, 2005 will be submitted on or before April 10, 2005.

2.0 COMPLETED ACTIVITIES

2.1 Removal Action Activities

Since activities are now being performed on a daily basis, each day begins with a safety meeting about general hazards and specific concerns of each day's anticipated actions.

Approximately 551,000 gallons of liquid waste were removed and properly disposed during the month from Tanks 26, 27 and 7. Due to the number of shipments (an average of nine each day) the manifests will not be included in these reports. The originals are available at the BNC office in Georgetown. A compilation of hazardous liquid waste disposal is included as Table 1.

Since the liquid level in Tanks 26 and 27 has been significantly reduced the liquid waste disposal operations have been moved to Tanks 7 and 2 on the North Site. Equipment necessary to remove the waste were transferred to the North Site.

In response to comments from the EPA and trustees, ten shallow borings were hand dug around Tanks 7, 26 and 27 to determine the depth of the grossly stained soil and the volume of soil that may require removal under the Removal Action. The results of the test holes, which are presented on Table 5, indicate that the maximum depth of visibly contaminated soil was ten inches (Tank 27) and the average was approximately four inches. The results indicate that the total volume of visibly impacted soil is 773 cubic yards, which is significantly less than expected and proposed in the Land Treatment Unit (LTU) proposal. Assuming that the removal actions will include some additional soil a scenario for 1,000 cubic yards is also presented. Even in the larger example the LTU will be less than a half acre in size at a placement thickness (inside LTU) of 18 inches.

The frac tanks that were used to store the recovered crude oil were cleaned and removed from the site. Rinse water was properly disposed.

Demolition activities included cutting pipe on the North Site. Table 2 is a listing of metal recycling from the refinery.

Clearing and grubbing have been ongoing.

2.2 Remedial Investigation / Feasibility Study (RI/FS)

The EPA provided comments to the 1) RI/FS Work Plan, 2) RI/FS Field Sampling Plan and the 3) RI/FS Quality Assurance/Quality Control Project Plan (QA/QCPCP).

In response to the EPA comments concerning the Field Sampling Plan, a door to door search was performed of the homes on Thayer Road to determine the presence of water wells.

A meeting is scheduled at the Region 6 offices of the EPA in Dallas to discuss the workplan.

Additional TCEQ files in the Corpus Christi District Office were reviewed and copied.

Amendments to the plan are being prepared.

3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD

None this reporting period.

4.0 COMMUNITY RELATIONS

The project web site www.falcon-refinery.com is operational and available for review by the public. Included at the web site are links to all approved project documents, PowerPoint presentations, contact information, site photographs, monthly progress reports and notifications of future meetings when they are announced.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

No changes to personnel were made during the month.

6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS

6.1 Removal Action Work projected for the next two months includes:

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 500,000 gallons a month;
- Contracting a company to pig and evacuate the pipelines that leave the facility;

- Revising the Land Treatment Unit (LTU) proposal based on comments received from the EPA and TCEQ;
- Removal of debris;
- Continued site maintenance; and
- Demolition of some onsite structures;

6.2 RI/FS Work projected for the next two months includes:

- Meeting with the EPA and Trustees about the work plan;
- Making amendments to the RI/FS Work Plan and submitting the final RI/FS Work Plan; and
- Making amendments to and submitting the Field Sampling Plan and the Quality Assurance Project Plan.

7.0 LABORATORY / MONITORING DATA

None this reporting period.

TABLES**Table 1
Hazardous Liquid Waste Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)

Month	Volume (gal)
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
Total	3,003,078

**Table 2
Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

RECYCLED METAL

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
Total	67,840

FIRE EXTINGUISHERS

Month	Quantity
December-04	10
Total	10

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.
The powder was disposed of properly and the metal went to salvage.

Table 3
Contaminated Soil and Oily Debris Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
Total	40

RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)

Month	Volume (cy)
February-05	15
Total	15

Table 4
Oil and Filter Disposal

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

RECYLCED OIL AND FILTERS

Month	Volume (gal)
January-05	403
February-05	0
Total	403

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

RECYLCED OIL AND FILTERS

Month	Volume (gal)
January-05	16,651
February-05	0
Total	16,651

Table 5
Visibly Contaminated Surface Soil

Test Hole #	Tank 7 Visual Depth (in)	Tank 26 Visual Depth (in)	Tank 27 Visual Depth (in)
TH 1	4	4	2.5
TH 2	6	3	2.5
TH 3	3	3	8.5
TH 4	2	1.5	1
TH 5	5	4	7
TH 6	2	1	10
TH 7	3	4	3
TH 8	1	3	9
TH 9	2	1.5	5
TH 10	5.5	2	1.5
AVG	3.35	2.7	5

Area of Visual Contamination

	Tank 7	Tank 26	Tank 27
(ftxft)	100 x 190	186 x 183	100 x 190
(sq ft)	19,000	34,038	19,000
(acres)	0.44	0.78	0.44

Volume of Visual Contamination

	Tank 7	Tank 26	Tank 27	Total
(cu ft)	5,304	7,659	7,917	20,879
(cu yds)	196	284	293	773

Landfarm Design

Volume Required (cu yds)	Contaminated Soil Cell Depth (in)	Calculated Surface Area (sq ft)	Calculated Surface Area (acres)	Cell Dimension – Square (ft)
773	18	13,920	0.32	118
1,000	18	18,000	0.41	135